

DECLARATION

SITE 19

Facility Identification

Beale Air Force Base (AFB), in the northern portion of the California Central Valley, is approximately 45 miles northeast of Sacramento and 10 miles west of the towns of Marysville and Yuba City. The base covers 23,999 acres and employs approximately 4,800 people. There are approximately 5,760 residents at the base, 2,560 of whom are active duty military personnel.

The installation was established in 1942 as an Army training camp. During World War II, Camp Beale was used as an Army induction center, personnel replacement depot, hospital, and prisoner of war encampment. Following the war, a portion of Camp Beale was converted into an Air Force training site and renamed Beale AFB in 1951. The base is now within the Air Combat Command, and its mission is to develop and maintain continuous peacetime global reconnaissance operations.

Site Identification

Site 19 is located in the south-central portion of Beale AFB, west of the intersection of C and 11th Streets. The site includes the Photographic Waste Treatment Plant (PWTP), located along J Street between Gavin and Mandery Drive and the Wheatland Gate, and the 2.3-mile photowaste pipeline connecting the locations. An aerial photograph and site layout map are provided as Figures 1-1 and 1-2, respectively.

Site 19 also consists of the former Emergency Holding Basin (EHB), a circular facility approximately 150 feet in diameter constructed with concrete sides, a clay bottom, and surrounded by fencing. The PWTP consisted of a blending basin, neutralizer basin, clarifier, sludge dewatering beds, a filter pump pit, and an injection pump pit.

In 1997, the photowaste pipeline was cleaned and grouted in place, and the entire photographic waste collection and treatment system was removed. The excavated areas were backfilled with clean soil.

The EHB portion of Site 19 presently consists of an open grassland field with revegetated soil and a tributary to Hutchinson Creek in the area west of the intersection of C and 11th Streets. The area of the former PWTP also currently consists of an open grassland field with revegetated soil.

Basis of the Remedial Action Plan

Information supporting the selected remedial action is provided in the following documents, which are contained in the Administrative Record:

- *Remedial Action/Clean Up Report for Site DP-19* (Laguna Construction Company, November 1997).
- *Site Characterization Summary Informal Technical Information Report for Site 19, Photowaste Emergency Holding Basin, Beale Air Force Base, California* (Law Environmental, Inc., March 1997).

- *No Further Response Action Planned Decision Document for Site 2* (Radian International, November 1999).
- *Site Inspection Report for AOC 72* (URS Group, Inc., May 2003).

Description of the Selected Remedy

No further response action is necessary for the Site 19 soil and soil gas media at Beale AFB, California.

Declaration

The U.S. Air Force (USAF) recommends no further action for Site 19 soil and soil gas. The concentrations of volatile organic compounds (VOCs) detected in soil gas and the concentrations of semivolatile organic compounds, dioxins and furans, and inorganic constituents detected in the soil at Site 19 do not pose a risk to human health or ecological receptors. This conclusion is based on the following:

- Removal action and confirmation sampling conducted in 1997;
- Stream sediment samples collected for inorganic confirmation analysis in 2001; and
- Results of a Tier I risk screening evaluation, included in Appendices C and D of this *No Further Response Action Planned Decision Document for Site 19*.

Groundwater contamination was identified during the field investigations at Site 19; further investigation is warranted to determine the extent and source of that contamination.

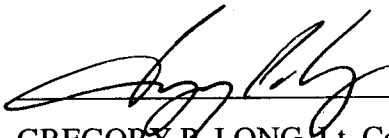
The USAF recommends no further response action for the soil and soil gas media at Site 19 based on the following rationale:

- Contaminants of potential concern (COPCs) were detected in only 2 of 12 soil gas samples collected at Site 19. The COPCs were detected at concentrations less than investigation guideline (IG) levels used for comparison when determining whether additional investigation is warranted, indicating that Site 19 is not a contributing source to the VOC plume in groundwater.
- Concentrations of inorganic constituents detected in soil samples were less than the Beale AFB basewide background concentrations.
- Human health and ecological Tier 1 screening risk evaluation estimates based on residual dioxins and furans from the post-excavation confirmation samples indicate that the constituents detected in soil at Site 19 do not pose potential risks to human health or ecological receptors.
- Groundwater contamination will be addressed as a component of the remedial investigation at adjacent Site 39.

State regulatory agency concurrence with this decision has been received. Letters from the California RWQCB and the DTSC are included in Appendix E of this decision document.

The selected remedy of no further response action was developed in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1986, and the National Contingency Plan (NCP). The selected remedy also satisfies the requirements of the National Environmental Policy Act (NEPA) that apply to CERCLA response actions.

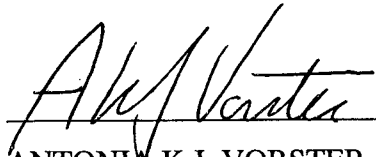
The selected remedy of no further response action is protective of human health and the environment, attains federal and state requirements that are applicable or relevant and appropriate, and is cost effective. The selected remedy is permanent, and the five-year review will not apply to this action.



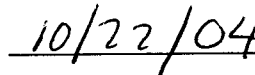
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Base Civil Engineer



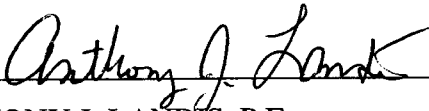
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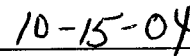
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Chief, Site Cleanup Section
California Regional Water Quality Control Board
Central Valley Region



Date



ANTHONY J. LANDIS, P.E.
Chief, Northern California Operations
Office of Military Facilities
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Date

